

2013 Corn Grain Top 30 Harvest Report

Michigan Thumb [MITH] HENDERSON
 Charlie Guziak, Shiawassee County, MI 48841



Test by: F.I.R.S.T. NECB, Inc., Chadwick, IL

PREV. CROP/HERB: Soybean / Glyphosate
 SOIL DESCRIPTION: Loamy sand, well drained, conventional w/ fall till, non-irrigated
 SOIL CONDITION: Mod. High P, mod. high K, 6.4 pH, 3.6% OM
 PEST MANAGEMENT: Atrazine, Glyphosate, Force
 FERTILITY - Applied N: 138 Spring, 24 Planter
 Applied N-P-K (units): 162-20-60
 SEEDED - RATE - ROW: May 13 33,600 /A 30" spacing
 HARVESTED - STAND: Oct 30 32,200 /A

All-Season Test
92 - 101 Day CRM
 B2013MITH39

Top 30 of 54
 For Gross Income (Sorted by Yield)
 Average of (3) Replications

| Company/Brand | Product/Brand† | Technol.† | Seed Treatment† | RM | Yield Bu/A | Moisture % | Lodging % | Stand (x 1000) | Gross Income \$/Acre | Rank |
|---------------|-----------------|-----------|-----------------|-----|---------------|---------------|--------------|-------------------|-------------------------|------|
| Integra | 9482VT3PRO | VT3P | AC,P2 | 98 | 216.0 | 17.0 | 0 | 32.6 | 994 | 1 |
| NuTech | 5N-001 | 3000GT | MQ,C2 | 101 | 214.1 | 18.1 | 0 | 31.2 | 979 | 2 |
| NuTech | 5N-9802 | 3000GT | MQ,C2 | 98 | 209.3 | 17.4 | 0 | 31.9 | 961 | 5 |
| Hyland | 8450RA | STX,B | CM,C2 | 97 | 209.0 | 19.3 | 0 | 32.6 | 949 | 7 |
| NuTech/G2 Gen | 5Z-9605 | OI | MQ,P1V,R | 96 | 208.5 | 16.2 | 0 | 31.2 | 963 | 3 |
| Renk | RK522SSTX | STX | AC,P2 | 94 | 208.4 | 16.4 | 0 | 32.6 | 962 | 4 |
| Steyer | 9203VT3PRO RIB | VT3P,B | SStd | 92 | 208.4 | 16.5 | 0 | 33.2 | 961 | 6 |
| Rupp | xrD90-64 | 3220,B | CM,C2 | 90 | 204.2 | 15.5 | 0 | 33.2 | 947 | 8 |
| Steyer | 10102VT3PRO RIB | VT3P,B | SStd | 101 | 202.4 | 16.6 | 0 | 32.6 | 933 | 9 |
| Hyland | 8486RA | STX,B | CM,C2 | 100 | 201.4 | 19.2 | 0 | 31.9 | 915 | 11 |
| Rupp | xr8414 | STX,B | AC,P2 | 100 | 200.8 | 18.2 | 0 | 32.6 | 918 | 10 |
| NK Brand | N45P-3011A | 3011A | AVC,C5 | 101 | 200.3 | 18.5 | 0 | 32.6 | 914 | 14 |
| Channel | 195-58STXRIB | STX,B | AC,P5V | 95 | 199.0 | 17.0 | 0 | 31.9 | 915 | 12 |
| Great Lakes | 4567VT3PRIB | VT3P,B | AC,P5V | 95 | 198.3 | 16.6 | 0 | 32.6 | 914 | 15 |
| NuTech/G2 Gen | 3F-198AM | AM-R,B | MQ,C2 | 98 | 197.3 | 15.5 | 0 | 31.9 | 915 | 13 |
| Dairyland | DS9898RA | STX,B | CM,C2 | 98 | 196.8 | 18.3 | 0 | 31.9 | 899 | 18 |
| Great Lakes | 4879STXRIB | STX,B | AC,P5V | 98 | 196.6 | 18.2 | 0 | 31.9 | 898 | 19 |
| Integra | 5151GSSRIB | STX,B | AC,P5V | 101 | 195.8 | 16.5 | 0 | 32.6 | 903 | 16 |
| Great Lakes | 5015STXRIB | STX,B | AC,P5V | 100 | 195.2 | 17.1 | 0 | 32.6 | 897 | 20 |
| Hyland | 8515RA | STX,B | CM,C2 | 101 | 195.1 | 18.3 | 0 | 32.6 | 891 | 23 |
| Integra | 9455VT3PRO | VT3P | AC,P2 | 95 | 194.7 | 16.2 | 0 | 31.9 | 900 | 17 |
| Dairyland | DS9791RA | STX,B | CM,C2 | 92 | 194.1 | 16.3 | 0 | 31.2 | 896 | 21 |
| Integra | 9412VT2PRIB | VT2P,B | AC,P2 | 92 | 193.0 | 15.7 | 0 | 31.9 | 894 | 22 |
| Hyland | 4398 | 3000GT | CM,C2 | 96 | 192.2 | 15.9 | 0 | 32.6 | 889 | 24 |
| Renk | RK633SSTX | STX | AC,P2 | 101 | 192.1 | 17.8 | 0 | 32.6 | 880 | 25 |
| Steyer | 10004GENSS RIB | STX,B | SStd | 100 | 191.0 | 17.6 | 0 | 31.9 | 876 | 26 |
| Rupp | xrD00-27 | VT2P,B | AC,P2 | 100 | 190.5 | 18.4 | 0 | 32.6 | 870 | 29 |
| Steyer | 9603VT2PRO RIB | VT2P,B | SStd | 96 | 190.3 | 16.8 | 0 | 32.6 | 876 | 27 |
| Renk | RK581SSTX | STX | AC,P2 | 100 | 190.0 | 17.9 | 0 | 32.6 | 870 | 30 |
| Hyland | 8315RA | STX,B | CM,C2 | 92 | 188.7 | 15.9 | 0 | 32.6 | 873 | 28 |

Test Average = **190.3** 17.1 0 32.2 875

Rich Schleuning LSD (0.10) = 21.5 0.8 ns

firstnecb@hotmail.com, (815) 985-3577 C.V. = 8.3 3.5

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.025 Price = \$4.65 Local GMO
 n/a non-GMO

Test Comments: This location had some water issues like many other tests. Fortunately, one rep was uniformly impacted keeping the test statistically valid. Water impacted plants were shorter, had inferior kernel set and smaller ears. The other 2 reps had plants with normal height, good kernel set and ear size from 16-18 kernel rows and 36-40 kernels per row long. Good stalk quality and minimal disease pressure.

† See last page for footnote information. Dark colored row identifies the check product found in early- and full-season tests. **Bold** yields are significantly above test average. **Italicized** brands exceed the grain moisture limit for this test. **GC** = grower comparison product, **ns** = not significantly different

Additional reports and searchable database available at www.firstseedtests.com

AgSCI Copyright 2013

Report date: 11/4/2013 Revised:

2013 Corn Grain - Michigan Thumb [MITH]



All-Season Test Products (54 Total)

| Company/Brand | Product/Brand | Technol. | Seed Trt | RM | Company/Brand | Product/Brand | Technol. | Seed Trt | RM |
|---------------|---------------|----------|----------|-----|------------------|-----------------|----------|----------|-----|
| Channel | 195-58STXRIB | STX,B | AC,P5V | 95 | Rupp | xrT94-06 | VT3P | AC,P2 | 94 |
| Dairyland | DS9501SSX | STX | AVC,C2 | 100 | Seed Consultants | SCS 10HQ02 GC | HXT,RR2 | MQ,P1V | 100 |
| Dairyland | DS9694SSX | STX | CM,C2 | 94 | Steyer | 10004GENSS RIB | STX,B | SStd | 100 |
| Dairyland | DS9791RA | STX,B | CM,C2 | 92 | Steyer | 10102VT3PRO RIB | VT3P,B | SStd | 101 |
| Dairyland | DS9898RA | STX,B | CM,C2 | 98 | Steyer | 9203VT3PRO RIB | VT3P,B | SStd | 92 |
| Great Lakes | 4206STXRIB | STX,B | AC,P5V | 92 | Steyer | 9503VIP3111 | 3111 | SStd | 96 |
| Great Lakes | 4567VT3PRIB | VT3P,B | AC,P5V | 95 | Steyer | 9603VT2PRO RIB | VT2P,B | SStd | 96 |
| Great Lakes | 4879STXRIB | STX,B | AC,P5V | 98 | Stine | R9311VT3Pro | VT3P,B | AC,P2 | 93 |
| Great Lakes | 5015STXRIB | STX,B | AC,P5V | 100 | Stine | R9422VT3Pro | VT3P,B | AC,P2 | 96 |
| Hyland | 4398 | 3000GT | CM,C2 | 96 | | | | | |
| Hyland | 8315RA | STX,B | CM,C2 | 92 | | | | | |
| Hyland | 8450RA | STX,B | CM,C2 | 97 | | | | | |
| Hyland | 8486RA | STX,B | CM,C2 | 100 | | | | | |
| Hyland | 8505RA | STX,B | CM,C2 | 101 | | | | | |
| Hyland | 8515RA | STX,B | CM,C2 | 101 | | | | | |
| Hyland | HLCVR68 | VT3 | CM,C2 | 97 | | | | | |
| Integra | 5151GSSRIB | STX,B | AC,P5V | 101 | | | | | |
| Integra | 9412VT2PRIB | VT2P,B | AC,P2 | 92 | | | | | |
| Integra | 9455VT3PRO | VT3P | AC,P2 | 95 | | | | | |
| Integra | 9482VT3PRO | VT3P | AC,P2 | 98 | | | | | |
| NK Brand | N45P-3011A | 3011A | AVC,C5 | 101 | | | | | |
| NuTech | 5N-001 | 3000GT | MQ,C2 | 101 | | | | | |
| NuTech | 5N-197 | 3000GT | MQ,C2 | 97 | | | | | |
| NuTech | 5N-803 | 3000GT | MQ,C2 | 101 | | | | | |
| NuTech | 5N-9404 | 3000GT | MQ,C2 | 94 | | | | | |
| NuTech | 5N-9802 | 3000GT | MQ,C2 | 98 | | | | | |
| NuTech/G2 Gen | 3F-198AM | AM-R,B | MQ,C2 | 98 | | | | | |
| NuTech/G2 Gen | 5H-399 | HX,RR2 | MQ,C2 | 99 | | | | | |
| NuTech/G2 Gen | 5X-193 | HXT,RR2 | MQ,C2 | 93 | | | | | |
| NuTech/G2 Gen | 5X-698 | HXT,RR2 | MQ,P1V,R | 98 | | | | | |
| NuTech/G2 Gen | 5X-795 | HXT,RR2 | MQ,C2 | 94 | | | | | |
| NuTech/G2 Gen | 5X-894 | HXT,RR2 | MQ,P1V,R | 94 | | | | | |
| NuTech/G2 Gen | 5Z-200 | OI | MQ,P1V,R | 100 | | | | | |
| NuTech/G2 Gen | 5Z-9605 | OI | MQ,P1V,R | 96 | | | | | |
| Renk | RK522SSTX | STX | AC,P2 | 94 | | | | | |
| Renk | RK557SSTX | STX | AC,P2 | 95 | | | | | |
| Renk | RK568VT3P | VT3P | AC,P2 | 95 | | | | | |
| Renk | RK581SSTX | STX | AC,P2 | 100 | | | | | |
| Renk | RK585VT3P | VT3P | AC,P2 | 95 | | | | | |
| Renk | RK598SSTX | STX,B | AC,P5V | 100 | | | | | |
| Renk | RK633SSTX | STX | AC,P2 | 101 | | | | | |
| Rupp | xr8414 | STX,B | AC,P2 | 100 | | | | | |
| Rupp | xrD00-27 | VT2P,B | AC,P2 | 100 | | | | | |
| Rupp | xrD90-64 | 3220,B | CM,C2 | 90 | | | | | |
| Rupp | xrJ98-11 | STX,B | AC,P2 | 98 | | | | | |

Footnotes and Abbreviation Descriptions

Brand Footnotes

| | |
|----|---|
| ^ | G2® brand seed is distributed by NuTech Seed, LLC. HPT® brand seed is distributed by Hoegemeyer Hybrids, Inc. RPM® brand seed is distributed by Doebler's PA Hybrids, Inc. Supreme EX® brand seed is distributed by Seed Consultants, Inc. VPMaXX® brand seed is distributed by AgVenture, Inc. XL® and Phoenix® brand seed is distributed by Beck's Superior Hybrids. Curry®, G2®, HPT®, RPM®, Supreme EX®, VPMaXX® and XL® are registered trademarks of DuPont Pioneer. |
| CK | Identifies a check product included in early- and full-season tests. |
| GC | Grower Comparison product included by F.I.R.S.T. when space permits. |

Corn Technologies*

| | | | |
|----------|--|----------|---|
| 3000GT | Agrisure® 3000GT (CB,RW,LL,GT) | GT/CB/LL | Agrisure® GT/CB/LL |
| 3011A | Agrisure® Artesian® (CB,RW,LL,GT) | HX | Herculex® 1, contains LL |
| 3110 | Agrisure® Viptera® 3110 (Vip, CB,LL,GT) | HX,RR2 | Herculex® 1, Roundup Ready 2 Corn |
| 3111 | Agrisure® Viptera® 3111 (Vip,CB,RW,LL,GT) | HXRW | Herculex® rootworm, contains LL |
| 3122 | Agrisure® 3122 (CB,HXX,RW,LL,GT) | HXT | Herculex® Xtra (HX,HXRW,LL) |
| 3220 | Agrisure® Viptera® 3220 (Vip,CB,HX,LL,GT) | HXT,RR2 | Herculex® Xtra, Roundup Ready 2 Corn |
| AM | Optimum® AcreMax® (YGCB,HX,LL,RR2) | LL | LibertyLink® |
| AM-R | Optimum® AcreMax® (YGCB,HX,RR2) | None | conventional corn |
| AM1 | Optimum® AcreMax®1 (HXT,LL,RR2) | OI | Optimum® Intrasect® (YGCB,HX,LL,RR2) |
| AMRW | Optimum® AcreMax® Rootworm (HXRW,LL,RR2) | OIX | Optimum® Intrasect® Xtra (YGCB,HXT,LL,RR2) |
| AMRW-R | Optimum® AcreMax® Rootworm (HXRW,RR2) | OIXT | Optimum® Intrasect® Xtreme (YGCB,HXT,RW,LL,RR2) |
| AMX | Optimum® AcreMax® Xtra (YGCB,HXT,LL,RR2) | OT | Optimum® TRIssect® (HX,RW,LL,RR2) |
| AMX-R | Optimum® AcreMax® Xtra (YGCB,HXT,RR2) | RR2 | Roundup Ready® 2 Corn |
| AMXT | Optimum® AcreMax® Xtreme (YGCB,HXT,LL,RR2) | STX | SmartStax® (VT3P,HXX) |
| B | Blended seed (i.e. refuge blend) | VT2P | Genuity® VT Double Pro® |
| CB/LL | Agrisure® CB/LL | VT3 | YieldGard VT Triple® |
| CB/LL/RW | Agrisure® CB/LL/RW | VT3P | Genuity® VT Triple Pro® |
| GT | Agrisure® GT | YGCB | YieldGard® Corn Borer |

* The refuge component genetics may vary in a refuge blend seed product.

Corn Seed Treatments**

| | | | |
|------------|---|------------|--|
| ? | information not provided | MQ | Maxim Quattro® |
| A | Allegiance® | None | untreated |
| AC | Acceleron® fungicide products | P2, P5, P1 | Poncho® at 0.25, 0.5 and 1.25 mg ai/seed, respectively |
| AVC | Avicta® Complete Corn | R | Raxil® (tebuconazole) |
| C2, C5, C1 | Cruiser® at 0.25, 0.5 and 1.25 mg ai/seed, respectively | SStd | SureStand™ |
| CE | Cruiser Extreme® | St | Stamina® (pyraclostrobin) |
| CM | CruiserMaxx® Corn | T | Trilex® (trifloxystrobin) |
| D | Dynasty® (azoxystrobin) | V | Votivo® |
| Es | Escalate® | Z | zinc |
| M | Maxim XL® | | |

** Seed treatments may include unspecified plant health promoting components.